

APPENDIX E
HOME DEPOT
STORM WATER PROFESSIONAL TRAINING:
TRAINING SYLLABUS

Federal Construction Storm Water Permitting

Permit History

Major Events

Lake Erie

Cuyahoga River

NPDES Programs

Industrial Sectors

Permit Coverage

Permit and Fact Sheet

Covers

Websites

Permit Dates

Issue Date

Expiration Date

Coverage

Disturbance area

Part of a Larger Common Plan of Development

Permit Areas by EPA Region

Discharges

Allowable Stormwater Discharges

Allowable Non-stormwater Discharges

Limitations on Coverage

Who Obtains the Permit

Operator

Partial Control

Authorization to Discharge

Notice of Intent

Signature

When Can You Start Construction

Storm Water Pollution Prevention Plan (SWPPP)

When and How a SWPPP is Prepared

What Goes in a SWPPP

Potential Pollutant Sources

Best Management Practices

Terms and Conditions
Paperwork
Site Map

Site Inspections
How Often
Maintaining and Updating the SWPPP
SWPPP Availability

SWPPP Sign

Best Management Practices

Total Maximum Daily Load

Releases or Spills

Termination of the Permit
When Can You Terminate
How Do You Terminate the Permit
Retention of Records

Standard Permit Conditions
Penalties
Allow Access
Signatory Requirements
Reporting Requirements
24-Hour Reporting
Bypass
Upset

Appendices
Definitions and Acronyms
EPA Regions
Endangered Species Act
Small Construction Waivers

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Home Depot Program-Specific Roles and Responsibilities

Introduction to Consent Decree Responsibilities

Home Depot SWPPPs

Training Responsibilities

- Who must be trained
- Testing
- Recurrent training
- Post Award -- Pre-Construction training

Construction Sequencing

- Pre-Construction Checkpoints
 - Conference Call
 - Certification

- Construction Period Responsibilities
 - Initial Post-Construction Site Inspection
 - Posting and On-Site Documentation
 - Updating SWPPP, including SWPPP Site Map
 - Weekly meetings by GC
 - Weekly Inspections by GC's Project Superintendent
 - Monthly Inspections to include GC's Compliance Coordinator
 - Monthly Inspections to include Home Depot Inspector

- Inspections
 - Use small site map as tool
 - Completion of inspection report form
 - Certification
 - Transmittal
 - Corrective Action Log

NOT Inspection Process

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How to Inspect a Construction Site

- The Permit
 - What is Required
 - The SWPPP

- SWPPP and paper work inspection
 - Permit
 - Text
 - Best Management Practices
 - Site Maps
 - Forms

- Inspections
 - The BMPs

- Installation
- Repairs from previous inspections
- Modifications or additions

SWPPP

- Updates
- Details

Filling out the inspection form

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BMPs I -- Basics of Erosion and Sediment Control

What is Erosion?

Impacts of Erosion

- Environmental
- Economic

Erosion and Sedimentation Process

- Types of Erosion
- Dust
- Factors of Erosion

Ten Basic Principles of Erosion and Sediment Control

The Controls

- Erosion Controls
- Sediment Controls
- Stormwater Management Controls

Building a System

References

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BMPs II -- Erosion Control

Erosion Control Methods

- Surface Roughening
- Maintaining Existing Vegetation or Buffer Strips

Soil Stabilization with Vegetation

- Types of Grass

- Topsoil
- Fertilizer
- Sod
- Seed

- Mulch and Compost
 - Straw vs. Hay
 - Compost
 - Hydromulch
 - Bonded Fiber Matrix

- Erosion Control Devices
 - Rolled Erosion Control Products
 - Temporary Soil Stabilization

- Dust Control
 - Water Trucks
 - Polymers

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BMPs III - Sediment Control

- Straw or Hay Bales

- Diversions

- Silt Fence
 - Installation Methods
 - Proper Placement
 - Where Not to Place

- Wattles

- Check Dams
 - Design
 - Types

- Inlet Protection

- Traps and Ponds

- Outlet Structures

- Flocculants

Dewatering

Turbidity Barriers

Oil/Water Separators

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BMPs IV -- Pollution Prevention

Good Housekeeping

Solid Waste

Sanitary Waste

Petroleum and Hazardous Waste

Concrete Washout

Construction Exits

How It Works

Types

Tire Wash

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